

REMARKS

The final office action of May 28, 2008, has been carefully reviewed and these remarks are responsive thereto. Claims 37-39 have been canceled. Claims 1, 35, and 36 have been amended. No new subject matter has been added. Claims 1-15, 35, and 36 remain pending upon entry of the present paper. Reconsideration and allowance of the instant application are respectfully requested.

Rejections Under 35 U.S.C. § 102

Claims 1-15 and 35-39 stand rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4,706,216 to Carter (hereinafter referred to as “*Carter*”). Applicants respectfully traverse.

Amended independent claim 1 recites, among other features:

“... wherein the data processing portion is configured to extract a set of bits from the configuration bit look-up table to interconnect a common plurality of inputs with a plurality of outputs.”

Carter fails to disclose such features. Instead, *Carter* at col. 8, line 64 – col. 10, line 68 and Figs. 7-8 describes a combinational logic section 100 that includes configurable switches 101-106, 8-bit RAMs 108 and 109 and one of eight select logics 110 and 111. Even assuming (without admitting) that select lines 110-1, 110-2, and 110-3 disclosed in *Carter* at Fig. 8 may appropriately be analogized to the recited bits from the configuration bit look-up table, and the single output of each of the one of eight select logics 110 and 111 may appropriately be analogized to the recited plurality of outputs, *Carter* fails to disclose interconnecting a plurality of outputs from a common plurality of inputs as required by amended claim 1. Instead, each output of the one of eight select logics 110 and 111 in *Carter* is interconnected to a unique 8-bit RAM 108 and 109.

Thus, because *Carter* fails to disclose the above-noted features of amended claim 1, claim 1 is allowable over *Carter* for at least the foregoing reasons.

Amended independent claims 35 and 36 recite features similar to those described above with respect to claim 1. As such, claims 35 and 36 are allowable for at least substantially similar reasons.

The dependent claims are allowable for at least the same reasons as their respective base claims.

CONCLUSION

All rejections having been addressed, Applicants respectfully submit that the instant application is in condition for allowance, and respectfully solicits prompt notification of the same. However, if for any reason the Examiner believes the application is not in condition for allowance or there are any questions, the examiner is requested to contact the undersigned at (202) 824-3155.

Respectfully submitted,

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